

Pedro Pereira

List of Publications by Year in descending order

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37
papers

158
citations

1478505

6
h-index

1372567

10
g-index

38
all docs

38
docs citations

38
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault Resilience in Energy Community Microgrids. , 2022, , .		1
2	Energy Community Flexibility Solutions to Improve Usersâ€™ Wellbeing. Energies, 2021, 14, 3403.	3.1	13
3	PV Based Load Management System to Mitigate Power Grid Faults. , 2021, , .		0
4	Soft and Transferable Skills Acquisition through Organizing a Doctoral Conference. Education Sciences, 2020, 10, 235.	2.6	4
5	Incident and Failure Quantification Methodology in a Critical Infrastructure. , 2020, , .		0
6	A Survey on Power Grid Faults and Their Origins: A Contribution to Improving Power Grid Resilience. Energies, 2019, 12, 4667.	3.1	33
7	Collaborative Safe Escape in Digital Transformation. IFIP Advances in Information and Communication Technology, 2019, , 431-444.	0.7	2
8	Sustainable Heritage Management Towards Mass Tourism Impact: the HERIT-DATA project. , 2018, , .		2
9	Smart Tourism Routes Based on Real Time Data and Evolutionary Algorithms. Lecture Notes in Computer Science, 2018, , 417-426.	1.3	4
10	An Application to Improve Smart Heritage City Experience. Lecture Notes in Computer Science, 2018, , 89-103.	1.3	6
11	Automatic sensitivity analysis tool for analog active filter. , 2017, , .		2
12	Interoperability: A Data Conversion Framework to Support Energy Simulation. Proceedings (mdpi), 2017, 1, .	0.2	3
13	Smart-meter in power quality. , 2017, , .		3
14	Validation and Application of Sand Pile Modeling of Multiseeded HTS Bulk Superconductors. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	6
15	Study of an axial flux disc motor with superconductor rotor. , 2015, , .		2
16	Android-based m-learning remote system for mobile power quality assessment in large buildings with renewable energies. , 2015, , .		0
17	Multi-objective sensitivity-based optimization of analog circuits exploiting NSGA-II front ranking. , 2015, , .		3
18	Optimization-Based Design of RF-VCOs with Tapered Inductors. Advances in Computer and Electrical Engineering Book Series, 2015, , 134-157.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Power quality and long life education. , 2014, , .		1
20	Sand Pile Modeling of Multiseeded HTS Bulk Superconductors: Current Densities Identification by Genetic Algorithms. IEEE Transactions on Applied Superconductivity, 2013, 23, 8000804-8000804.	1.7	10
21	LC-VCO Design Challenges in the Nano-Era. Lecture Notes in Electrical Engineering, 2013, , 363-379.	0.4	3
22	A Multi-objective Simulation Based Tool: Application to the Design of High Performance LC-VCOs. IFIP Advances in Information and Communication Technology, 2013, , 459-468.	0.7	6
23	Variability-Aware Optimization of RF Integrated Inductors in Nanometer-Scale Technologies. , 2013, , 271-287.		1
24	Using Variable Width RF Integrated Inductors for Quality Factor Optimization. IFIP Advances in Information and Communication Technology, 2013, , 619-627.	0.7	1
25	PSO-Based Design of RF Integrated Inductor. International Federation for Information Processing, 2012, , 475-482.	0.4	0
26	Modelling and Simulation of Inductive Fault Current Limiters. Physics Procedia, 2012, 36, 1248-1253.	1.2	10
27	LC-VCO design methodology based on evolutionary algorithms. , 2012, , .		8
28	Towards to a Web Service alert software system for standard electrical protective devices. , 2012, , .		1
29	Optimization-Based Design of Nano-CMOS LC-VCOs. International Federation for Information Processing, 2012, , 453-464.	0.4	1
30	Sustainable Housing Techno-Economic Feasibility Application. International Federation for Information Processing, 2011, , 445-454.	0.4	0
31	Automatic generation of RF integrated inductors analytical characterization. , 2010, , .		1
32	Energy Consumption Monitoring System for Large Complexes. IFIP Advances in Information and Communication Technology, 2010, , 419-426.	0.7	6
33	GADISI “ Genetic Algorithms Applied to the Automatic Design of Integrated Spiral Inductors. IFIP Advances in Information and Communication Technology, 2010, , 515-522.	0.7	5
34	Using discrete-variable optimization for CMOS spiral inductor design. , 2009, , .		7
35	ADISI- An efficient tool for the automatic design of integrated spiral inductors. , 2009, , .		8
36	VCOSYM -an application for the automatic design of ring VCOS. , 2005, , .		0

#	ARTICLE	IF	CITATIONS
37	COVID-19 AND MITIGATION STRATEGIES: THE IMPACTOUR PILOTS COMMUNITY PERSPECTIVE. , 0, , .		0